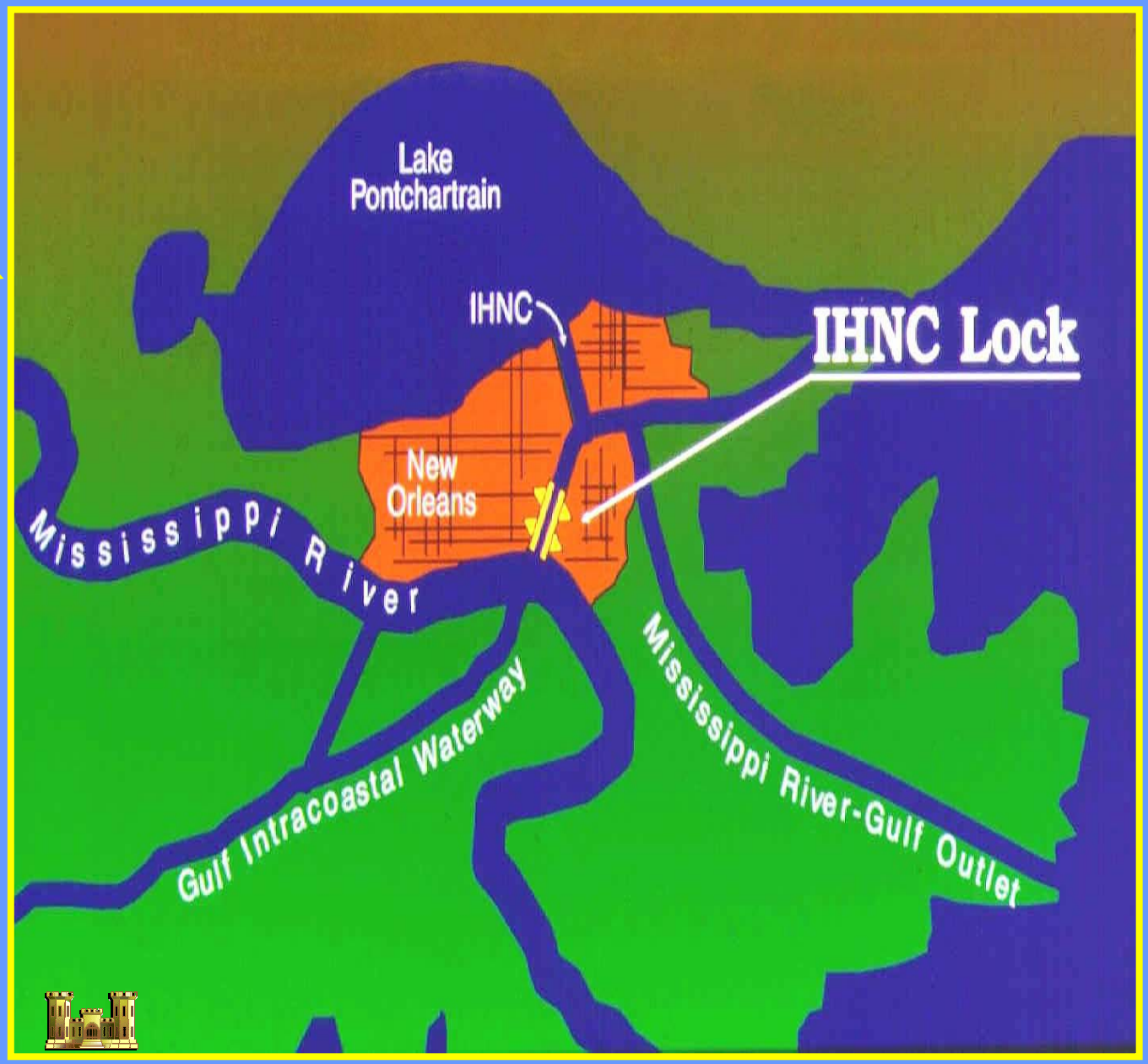
INNER HARBOR NAVIGATION CANAL LOCK REPLACEMENT PROJECT

- **Project Status:**
-complete Florida Avenue Siphon Relocation
-continue the Impact Mitigation Plan
Project Cost - $770M
Scheduled Comp - 2014

- **Project FY04 Funding Required: Capabiity**
$20M

- **Project Issues:**
Funding constraints will continue to extend the project completion date.



Project Fact Sheet

U.S. Army Corps of Engineers
New Orleans District, CEMVN-PM-E
P.O. Box 60267
New Orleans, LA 70160-0267

Date: August 2003

Inner Harbor Navigation Canal Lock, LA

PROJECT AUTHORITY: The project was authorized by the River and Harbor Act of 1956 (original authorization) and the Water Resources Development Acts of 1976, 1986 (re-authorized the project and established cost sharing requirements) and 1996 (authorization for the Community Impact Mitigation Plan).

PROJECT SPONSORS: The shallow draft plan will be cost shared 50-50 between the Federal Government and the Inland Waterway Trust Fund (IWWTF). The incremental costs of the deep draft lock are to be cost shared between the Federal Government (65%) and the Port of New Orleans (35% - 25% during construction and 10% within 30 years after construction is complete).

PROJECT LOCATION: The proposed work is located in the Inner Harbor Navigation Canal extending from the Mississippi River on the east bank in New Orleans, LA.

PROJECT PURPOSE: The existing lock, built in 1921, is dimensionally too small to accommodate the existing traffic. The present lock is 75 ft. wide by 640 ft. long by 31.5 ft. deep. The average delay to the navigation industry is 11 hours, but can be as much as 24-36 hours on many occasions. The recommended plan provides for replacement of the existing lock with a deep draft lock (110 ft. wide by 1200 ft. long by 36 ft. deep). The benefit-to-cost ratio is 2.0 to 1.

PROJECT FEATURES: The lock construction will be accomplished using a pre-fabricated, float-in method, that involves building the lock off-site and floating it to the site in four pieces. A by-pass channel around the new lock construction site and, later around the existing lock during its demolition will provide continuous operation of the existing lock and canal during the construction period. The project also includes the replacement of the St. Claude Avenue Bridge and significant modifications to the Claiborne Avenue Bridge, two major commuter routes. Closure of the Claiborne Avenue Bridge will be minimized to approximately 2 weeks through use of pre-fabricated, float-in construction methods. A temporary bridge will be provided at the St. Claude Avenue crossing to provide continuous vehicular access across the canal. Also included as part of the project is a $38 million for a Community Impact Mitigation Plan and levee and floodwall protection along the canal.

PROJECT COSTS:

Total Project Cost	$770,000,000
Total Federal Cost	$392,786,000
Total IWWTF Cost	$311,214,000
Total Non-Federal Cost	$ 66,000,000

PROJECT BUDGET/SCHEDULE: Funds required in FY 2004 are $20 million. Budgeted funds of $7 million will be used to complete the Florida Siphon Relocation, continue Community Impact Mitigation Plan (CIMP) and some engineering and design for the project. Additional $13 million could be used to complete the eastside business (T.E.R.C.) contract, advance 2 contracts, mitigation measures and engineering and design. This includes keeping the A/E Contract for lock design on schedule, which will hold up future work & delay the project completion date since it is on the critical path.

ISSUES: Funding required for FY04 is $20 Million. Budget funds of only $7 Million will continue to extend the project completion date.

A significant decline of the traffic at the existing lock between 2000 and 2001 (14%) has prompted the need to look at the traffic to see why it is declining. The Corp is working with the Port of New Orleans and other navigation interests to determine the reason for this decline.